

# PowerShot A310 Digital Camera

# Canon

advanced simplicity™



**Stunning digital photos, made simple.**

**PowerShot**  
DIGITAL CAMERA

# PowerShot A310 Digital Camera

## SHOOT, VIEW AND SHARE WITH EASE

If it's an easy-to-use digital camera with excellent features and quality that you want, look no further than the Canon PowerShot A310. Delivering quality photos through Canon's advanced technology and optical engineering expertise, it's the affordable answer to your digital imaging needs.

## SENSOR TECHNOLOGY

- Captures crisp images via its 3.2 Megapixel CCD, producing sharp photo prints up to A4 size.

3.2  
MEGA  
PIXELS



## CANON'S FORMULA FOR AMAZING DIGITAL PHOTOS

High-performance  
Canon lens + CCD +  
DiGIC  
high-performance  
image processing



## LENS TECHNOLOGY

- High resolution f/3.6 single focus lens  
(35mm film equivalent: 33mm).
- Razer sharp Macro function for focus as close as 5cm.

## PROCESSOR TECHNOLOGY

Unique to Canon, the DiGIC Image Processor delivers exceptionally high picture quality, focusing accuracy and processing speed. It also provides longer battery life and fast continuous shooting.



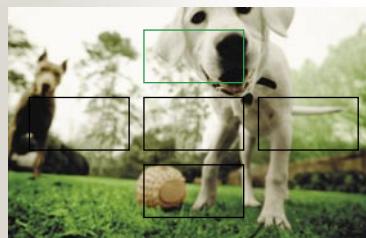
## SIMPLICITY ITSELF

■ **Digital Zoom** – Zooms in from wide-angle shots to approximately 5x enlargement, bringing you even closer to the action.



## ■ Movie – Create

3-minute movie clips with sound.



■ **5 Point AiAF** – Even off-centre subjects to be perfectly focused and exposed.



Neutral Colour



Black & White



Sepia

■ **Photo Effects** – Customise your images with a range of effects, including Black & White, Neutral Colour and Sepia.

## CANON DIRECT PRINT

Who needs a computer to print instant outstanding photos? Just plug your PowerShot A310 into any Canon direct photo printer, press one button and print straight from your camera, instantly.



- Connects directly to Canon direct photo printers as well as other printers that use PictBridge technology.
- Prints credit card sized prints, stickers and photo postcards. Use with a Bubble Jet Direct printer or compatible Canon All-in-One printer and you can print photos up to A4 size.

- **Print/Share Button\*** – Sends images to print or downloads them onto your computer with the touch of a button.



- **ID Photo Print** – Crops images to print ID/passport size photos from Canon Card Photo printers.



- **Movie Print** – Prints a series of sequential stills from your movie on a single sheet of paper using Canon Card Photo printers.



## EASY-TO-USE SOFTWARE

- **ZoomBrowser EX** – Downloads your shots so they can be stored, emailed or selected for printing. Just connect your PowerShot A310 to your PC, and ZoomBrowser EX will automatically launch.



- **PhotoRecord** – Helps you create photo album pages, complete with captions and graphics, that can be printed and bound into a personalised album.

- **PhotoStitch** – Automatically 'stitches' together a series of shots to create a seamless panoramic image – particularly effective when used in conjunction with the cameras Stitch Assist mode.



## OPTIONAL ACCESSORIES

- **Soft Case – SC-PS900**



- **Metallic Neck Strap**



- **Compact Power Adaptor**



- CA-PS800 – Allows connection to AC power, recommended during downloading and direct printing.

- **Battery & Charger Kit CBK4-200 or CBK-100** – AA-size rechargeable batteries & charger.



# PowerShot A310 Specifications

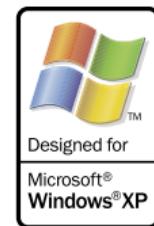
<b>CCD</b>		<b>RECORDING PIXELS</b>		
Size	1/2.7 inch	Still Images	Large	2048 x 1536
Effective Number of Pixels	Approx. 3.2 MP		Medium 1	1600 x 1200
Total Number of Pixels	Approx. 3.3 MP		Medium 2	1024 x 768
Filter Array	Primary colour filter (Bayer)		Small	640 x 480
<b>IMAGE PROCESSOR</b>		Movie Images	Large (VGA)	640 x 480
Processor	DiGIC		Medium (QVGA)	320 x 240
<b>LENS</b>			Small (QQVGA)	160 x 120
Focal Length (optical)	5mm		Frames per second	15
35mm Film Equivalent	33mm			
Maximum Aperture	F3.6			
Construction	5 elements in 5 groups (including 1 aspherical element)			
Digital Zoom	Approx. 5.1x			
Focusing Method	5-point AiAF / 1-point AF (Fixed in centre)			
<b>FOCUSING RANGE</b>				
Normal	20cm – infinity			
Macro	5 – 20cm			
<b>CONTROL/BALANCE</b>				
Light Metering Method	Evaluation / Centre-weighted averaging / Spot (Metering frame when Spot : Centre)			
Exposure Control Method	Program AE			
Exposure Compensation	+/- 2 EV in 1/3-stop increments			
White Balance Control	TTL White Balance			
White Balance Modes	Auto + Pre-set (Daylight / Cloudy / Tungsten / Fluorescent / Fluorescent H) + Custom			
Shutter Speed	1 – 1/2,000 sec.			
Sensitivity (Equivalent Film Speed)	Auto / ISO 50 / 100 / 200 / 400 equivalent			
<b>LCD MONITOR/VIEWFINDER</b>				
Viewfinder	Inverted Galilean finder			
LCD Monitor	1.5 inch low-temperature polycrystalline silicon TFT colour LCD			
<b>FLASH</b>				
Flash Modes	Auto / Red-eye reduction on / flash On / flash Off / Slow-synchro			
Flash Range Normal [at ISO Auto equiv.]	20cm – 2.0m			
<b>SELECTABLE SHOOTING MODES</b>				
Shooting Modes	Auto / Manual / Stitch Assist / Movie			
Photo Effects Mode	Vivid / Neutral / Low sharpening / Sepia / Black & White			
<b>CONTINUOUS SHOOTING</b>				
Normal	Approx. 2.2 shots/sec. [Large/Fine mode, when LCD monitor is turned off]			
<b>IMAGE RECORDING FORMAT</b>				
Image File Format	Design rule for camera file system, DPOF Version 1.1 compliant			
Still Image	JPEG (Exif 2.2 compliant)			
Movie	AVI Image data: Motion JPEG			
Sound Annotation/Audio Data	WAVE (monaural)			
JPEG Compression Levels	Superfine / Fine / Normal			
<b>OTHER OPERATIONS</b>				
Playback Operations				Single / Index (9 thumbnail images) / Movie Special Replay – Next frame, Previous frame, Fast forward, Rewind, First frame and Last frame / Magnify (2x – 10x) / Histogram
File Operations				DPOF – Print Order/Image transfer, Movie – unnecessary scenes can be erased. Sound Memos – max. record/play time is approx. 60 sec.
Direct Printing				Yes
PictBridge				Yes
Print/Share Button				Yes
ID Photo Print				Yes (with compatible Canon Card Photo printers)
Movie Print				Yes (with compatible Canon Card Photo printers)
Camera Settings				Start-up image/ Start-up sound/ Shutter sound/ Operation sound and Self-timer sound (Creation of on-camera content)
Menu Languages				12 languages English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Chinese and Japanese)
Self-timer				Approx. 2 sec. or 10 sec. count-down
<b>INTERFACE</b>				
Computer I/F				USB
Memory Storage				CompactFlash™ card (Type1)
Supplied Memory				32MB
<b>SUPPORTED OPERATING SYSTEMS</b>				
PC				Windows 98 (including SE)/ME/2000/XP
Mac				OS 9.0 – 9.2, OS X (Version 10.1/10.2)
<b>POWER SOURCE</b>				
Battery				Size AA Alkaline battery (x2) or Size AA rechargeable NiMH battery (x2)
Optional Charger/AC Adaptor				CBK4-200/CBK-100 / AC Adaptor Kit ACK800 (contains CA-PS800)
<b>OPERATING ENVIRONMENT</b>				
Temperature				0 – 40°C
Humidity				10 – 90%
Dimensions (W x D x H)				110 x 58 x 36.6mm (ex. protruding parts)
Weight				Approx. 175g (ex. batteries and CF card)
<b>INCLUDED ACCESSORIES AND SOFTWARE</b>				
<ul style="list-style-type: none"> <li>– Wrist Strap WS-200, 2 x AA Alkaline Batteries, USB Interface Cable IFC-400PCU, 32MB CF Card, Software Starter Guide, Camera User Guide, Quick Start Guide, Direct Print User Guide</li> <li>– Canon Digital Camera Solution Disk</li> <li>– ArcSoft Camera Suite Disk</li> </ul>				

All data is based on Canon's standard testing methods.

Canon reserves the right to change specifications without notice.

\*Compatible printer required for Direct Printing. Compatible Windows computer required for direct download.

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